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"Retroreflecting metrology target marker device."

ABSTRACT OF THE TECHNICAL CONTENT OF THE INVENTION

The device comprises a target member (4) and a support (1) for that target member. The support includes a receptacle head (12) for the target member, including a housing (15) opening to the outside via an outwardly flared frustoconical seat (16); the target member includes a flange (42) having a spherical annular lateral surface adapted to bear tangentially against the seat (16), and a plate (45) upstanding perpendicularly on the flange in an equatorial plane of a spherical surface (44) of which the lateral surface of the spherical annular flange is part; the plate has two parallel plane retroreflecting faces and a hole (46) passing completely through it and centred on an axis perpendicular to the faces of the plate and passing through the centre of the spherical surface; this hole is open at both ends via a bevel (461).

Figure 4.

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